


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒

APPLICATION FOR PERMIT TO DRILL				1. WELL NAME and NUMBER NBU 921-23E4BS		
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				3. FIELD OR WILDCAT NATURAL BUTTES		
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO				5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES		
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.				7. OPERATOR PHONE 720 929-6587		
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217				9. OPERATOR E-MAIL mary.mondragon@anadarko.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU 0149075		11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') UTE TRIBE		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2172 FNL 530 FWL	SWNW	23	9.0 S	21.0 E	S
Top of Uppermost Producing Zone	2080 FNL 665 FWL	SWNW	23	9.0 S	21.0 E	S
At Total Depth	2080 FNL 665 FWL	SWNW	23	9.0 S	21.0 E	S
21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 665		23. NUMBER OF ACRES IN DRILLING UNIT 640		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 315		26. PROPOSED DEPTH MD: 9956 TVD: 9950		
27. ELEVATION - GROUND LEVEL 4863		28. BOND NUMBER WYB000291		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Permit #43-8496		
ATTACHMENTS						
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES						
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER			<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN			
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)			<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER			
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)			<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
NAME Kathy Schneebeck-Dulnoan		TITLE Staff Regulatory Analyst		PHONE 720 929-6007		
SIGNATURE		DATE 08/03/2009		EMAIL Kathy.SchneebeckDulnoan@anadarko.com		
API NUMBER ASSIGNED 43047506190000		APPROVAL  Permit Manager				

T9S, R21E, S.L.B.&M.

Found 2006
Aluminum Cap in
Pile of Stones.

N89°53.7'W - 39.716 (G.L.O.)
N89°51'13"W - 2621.41' (Meas.)

N89°33.3'W - 40.431 (G.L.O.)

Found 2006
Aluminum Cap in
Pile of Stones.

N0°09.5'W - 40.173 (G.L.O.)
2651.43' (Measured)
N00°07'07"W (Basis of Bearings)

2172'
2080'

665'
530'
Bottom of Hole
Well Surface Position

**WELL LOCATION:
NBU 921-23E4BS**

ELEV. UNGRADED GROUND = 4862.6'

23

N0°01.1'E - 40.094 (G.L.O.)
N00°03'36"E - 2646.34' (Meas.)

Found 2006
Aluminum Cap in
Pile of Stones

Found 2006
Aluminum Cap in
Pile of Stones
Under E/W Fence

N89°25'15"W - 2654.75' (Meas.)
N89°27.4'W - 40.223 (G.L.O.)

NBU 921-23E4BS (Surface Position)
NAD 83 LATITUDE = 40.022868° (40° 01' 22.325")
LONGITUDE = 109.526528° (109° 31' 35.501")
NAD 27 LATITUDE = 40.022903° (40° 01' 22.452")
LONGITUDE = 109.525840° (109° 31' 33.024")

NBU 921-23E4BS (Bottom Hole)
NAD 83 LATITUDE = 40.023121° (40° 01' 23.235")
LONGITUDE = 109.526047° (109° 31' 33.768")
NAD 27 LATITUDE = 40.023156° (40° 01' 23.362")
LONGITUDE = 109.525359° (109° 31' 31.292")

Found 2006
Aluminum Cap in
Pile of Stones
Under E/W Fence

S89°56'29"W - 2641.83' (Meas.)
S89°54.5'W - 40.028 (G.L.O.)

N0°08.1'W - 40.093 (G.L.O.)

N0°07.6'W - 40.104 (G.L.O.)

Found 2006
Aluminum Cap
under E/W Fence

NOTES:

- ▲ = Section Corners Located
- 1. Well footages are measured at right angles to the Section Lines.
- 2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
- 3. The Bottom of hole bears N55°41'07"E 163.28' from the Surface Position.
- 4. Bearings are based on Global Positioning Satellite observations.
- 5. Basis of elevation is Tri-Sta "Two Water" located in the NW ¼ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.

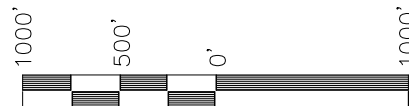
**Kerr-McGee
Oil & Gas Onshore, LP**

1099 18th Street - Denver, Colorado 80202

**NBU 921-23E4BS
WELL PLAT**

2080' FNL, 665' FWL (Bottom Hole)
SW ¼ NW ¼ OF SECTION 23, T9S, R21E,
S.L.B.&M. UTAH COUNTY, UTAH.

CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182



SCALE

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF LAND SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 362251
STATE OF UTAH
KOLBY R. KAY
No. 362251
KOLBY R. KAY

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.

209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 01-06-09	SURVEYED BY: M.S.B.	SHEET 4 OF 13
DATE DRAWN: 02-13-09	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised: 04-23-09	